

ATTORNEY'S DOCKET NO.
074263.0208 (SC98026 CON2-B)

CONTINUATION PATENT APPLICATION

1

APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. § 1.53(b)

UTILITY PATENT APPLICATION TRANSMITTAL FORM

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the utility patent application of:

Inventor(s) or Application Identifier:

Shilin Chen

**Entitled: ROLLER-CONE BITS, SYSTEMS, DRILLING METHODS,
AND DESIGN METHODS WITH OPTIMIZATION OF TOOTH
ORIENTATION**

APPLICATION ELEMENTS:

1. ☒ **This Fee Transmittal Form (4 Total Pages)**
2. **Applicant is:**
☒ **Large Entity**
☐ **Small Entity**
☐ **Small Entity Statement enclosed**
☐ **Small Entity Statement filed in prior application.**
Status still proper and desired.
3. ☒ **Specification (27 Total Pages)**
4. ☒ **Drawing(s) (21 Total Sheets)**
☒ **Formal**
☐ **Informal**
5. ☒ **Combined Declaration and Power of Attorney**
(1 Document, 2 Total Pages)
☐ **Newly executed (original)**
☒ **Copy from a prior application**
(for continuation/divisional only)

6. The accompanying application is:

☐ Original

☒ Continuation

☐ Divisional

☐ Continuation-In-Part (CIP)

Prior Application No.: 10/189,305

Filed: July 2, 2002

Examiner: Hoang C. Dang

Group/Art Unit: 3672

Confirmation No.: 1500

which is hereby incorporated by reference therein.

(For Continuation or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5 above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.)

7. ☐ Priority of foreign Application No. _____, filed on _____ is claimed under 35 U.S.C. § 119.

☐ A certified copy is attached.

☐ A certified copy was filed in prior Application Serial No. _____, filed _____.

8. ☒ The prior application is assigned of record to Halliburton Energy Services, Inc. a Delaware corporation, at reel 010406, frame 0491 and was recorded on November 26, 1999 in the U.S. Patent and Trademark Office records.

This application is a continuation of U.S. Patent Application Serial No. 10/189,305 filing by Shilin Chen on July 2, 2002, which is a continuation of U.S. Patent Application Serial No. 09/629,344 filed by Shilin Chen on August 1, 2000, now U.S. Patent No. 6,412,577, which is a continuation of U.S. Patent Application Serial No. 09/387,304 filed by Shilin Chen on August 31, 1999, now U.S. Patent No. 6,095,262, which claims the benefit of U.S. Provisional Application Serial No. 60/098,422 filed on August 31, 1998.

FEE CALCULATION:

*CLAIMS AS FILED IN THE APPLICATION, LESS ANY CLAIMS CANCELLED
BY PRELIMINARY AMENDMENT OR ADDED BY PRELIMINARY AMENDMENT*

FEE CALCULATION					Large Entity FEE
	Number		Number Extra	Rate	Basic Fee
					\$ 770.00
Total Claims:	36	-20 =	16	X \$18 =	288.00
Independent Claims	1	- 3 =	-0-	X \$86 =	.00
Total of Above					\$.00
TOTAL FILING FEE =					\$1,058.00

ACCOMPANYING APPLICATION PARTS:

9. ☐ An Assignment of the invention to _____ is attached. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included with an Assignment recordal fee of \$ 40 pursuant to 37 C.F.R. § 1.21(h).
11. ☒ **Information Disclosure Statement (IDS) and PTO-1449 (6 Total Pages)**
☐ Copies of IDS Citations.
☒ Pursuant to 37 C.F.R. § 1.98(d), copies of these references are not being furnished.
12. ☐ Preliminary Amendment
13. ☒ **Request for Interference with Patent Application Pursuant to 37 C.F.R. 1.604 (23 Total Pages)**
14. ☒ **Certificate of Mailing**
15. ☒ **Return Receipt Postcard**

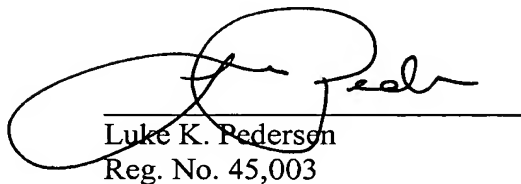
ATTORNEY'S DOCKET NO.
074263.0208 (SC98026 CON2-B)

CONTINUATION PATENT APPLICATION

4

16. ☒ A check in the amount of **\$1,058.00** to satisfy filing fee requirements under 37 C.F.R. § 1.16.

Respectfully submitted,
BAKER BOTTS L.L.P.
Attorneys for Applicants



Luke K. Pedersen
Reg. No. 45,003

Date: 1/28/04

Correspondence Address:
2001 Ross Avenue, Suite 600
Dallas, Texas 75201
(214) 953-6655 direct line
(214) 661-4655 direct fax

X Customer Number : **31625**
Attorney Docket No.: 074263.0208

Attorney Docket No.
074263.0208 (SC98026 CON2-B)

CONTINUATION
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Shilin Chen
Serial No.: To Be Assigned
Filing Date: January 28, 2004
Title: **ROLLER-CONE BITS, SYSTEMS, DRILLING
METHODS, AND DESIGN METHODS WITH
OPTIMIZATION OF TOOTH ORIENTATION**

MAIL STOP PATENT APPLICATION

Honorable
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Continuation Utility Patent Application (27 pages); including 27 pages of Specification, 4 pages of Claims, and 1 page of Abstract; a Utility Patent Application Transmittal Form with Fees Calculated (4 pages); Formal Drawings (21 sheets), an Information Disclosure Statement (2 pages); a PTO-1449 Form (4 pages); a copy of an executed combined Declaration and Power of Attorney (2 pages); a Request for Interference with Patent Application Pursuant to 37 C.F.R. 1.604 (23 pages); a check in the amount of \$1,058.00 to satisfy filing fee; a Baker Botts acknowledgement return postcard (1 postcard); and this Certificate of Mailing is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 28th day of January, 2004, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Willie Jiles

Willie Jiles

Express Mail Receipt
No. EV 323455520 US
Attorney Docket No. 074263.0208 (SC98026 CON2-B)

EV323455520US